DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD		TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
)	
	•	111

EX

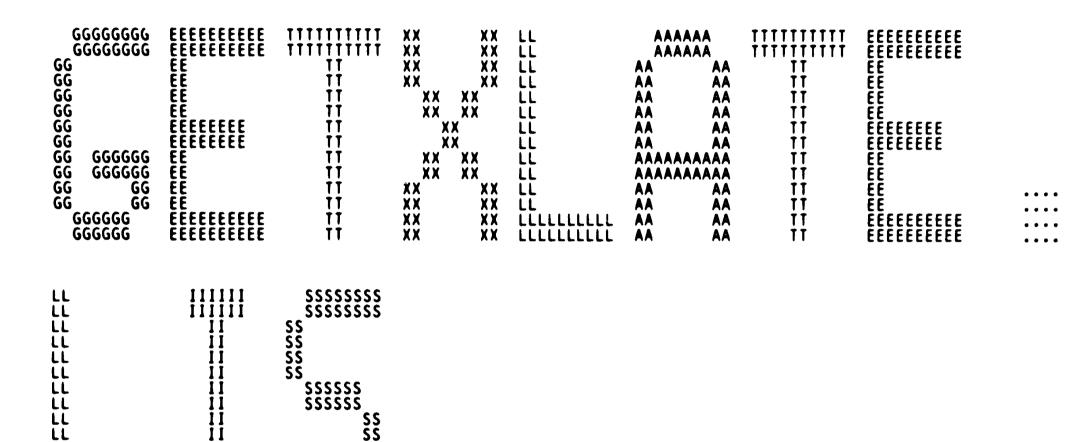
LL

LL

LLLLLLLLL LLLLLLLLL 11 11

11

11



EDT\$

: Ro

Si Rul: Le: Le: Me

EDT\$

V04-

```
** [
```

```
EDT$GETXLATE - Handles the nokeypad XLATE comma 16-Sep-1984 00:30:30 Declarations
EDTSGETXLATE
                                                                                                          VAX-11 Bliss-32 V4.0-742 Page 2 DISK$VMSMASTER:[EDT.SRC]GETXLATE.B32;1 (2)
     58
59
                   0057 1 %SBTTL 'Declarations'
                   0058
0059
                          1 ! TABLE OF CONTENTS:
                   0060
    1 !
                   0061
                   0062
0501
                             REQUIRE 'EDTSRC:TRAROUNAM';
                   0502
0503
0504
0505
                             FORWARD ROUTINE
                                  EDT$$GET_XLATE;
                   0506
0507
                               LINKAGES
                   0508
0509
0510
                            LINKAGE
                                  IOCALL = CALL (REGISTER = 1);
                   0511
                   0512
0513
                            ! INCLUDE FILES:
                   0514
                   0515
                   0516
0651
                            REQUIRE 'EDTSRC:EDTREQ';
                   0652
0682
0683
                             REQUIRE 'EDTSRC:SYSSYM';
                   0684
                               MACROS:
                   0685
                   0686
0687
                                      NONE
                   0688
0689
    EQUATED SYMBOLS:
                   0690
                                      NONE
                   0691
                   0692
0693
                               OWN STORAGE:
                   0694
                                      NONE
                   0695
                   0696
                               EXTERNAL REFERENCES:
                   0697
    98
                   0698
                               in the routine
    99
                   0699
```

```
EDT$GETXLATE - Handles the nokeypad XLATE comma 16-Sep-1984 00:30:30 EDT$$GETXLATE - nokeypad XLATE command 14-Sep-1984 12:23:15
                                                                                                        VAX-11 Bliss-32 V4.0-742 Pag
DISK$VMSMASTER:[EDT.SRC]GETXLATE.B32;1
EDTSGETXLATE
V04-000
                            **SBTTL 'EDT$$GETXLATE - nokeypad XLATE command'
   102
                   0701
                  0702
0703
                            GLOBAL ROUTINE EDT$$GET_XLATE (
STRING,
                                                                                       Nokeypad XLATE command
   104
                                                                                       Address of string to be XLATEd
                                 LENGTH
   105
                   0704
                                                                                       Length of that string
   106
                   0705
                                 ) =
   107
                   0706
   103
                   0707
   109
                              FUNCTIONAL DESCRIPTION:
   110
                   0709
   111
                                  This is the routine called to handle the nokeypad XLATE command
   112
                                      It sets up a descriptor with the passed string and calls the
                                      user supplied XLATE. The returned string is placed in the
   114
                                      command buffer to be processed.
   115
                   0714
                              FORMAL PARAMETERS:
   116
   117
                  0716
   118
                                     STRING The string following the XLATE keyword to be passed to
   119
                   0718
                                               the XLATE routine.
   120
1223
1223
1226
1228
1233
1333
1336
1337
1338
                   0719
                   0720
                                     LENGTH Length of above string
                  0721
0722
0723
                              IMPLICIT INPUTS:
                  0724
0725
                                     EDT$$A_CMD_Bilf address of the command buffer
                  0726
0727
                                     EDT$$A_CMD_END address of the command buffer end
                   0728
                              IMPLICIT OUTPUTS:
                   0730
                                     NONE
                  0731
                              COMPLETION STATUS:
                   0733
                   0734
                                     1 = OK, 0 = error in command; message printed
                   0735
                              SIDE EFFECTS:
                   0736
                   0737
   139
                   0738
                                     Adds commands into the command buffer
   140
                   0739
                         1 !--
   141
                   0740
   142
                   0741
                  0742
                                 BEGIN
   144
                   0744
                                 EXTERNAL ROUTINE
   146
                   0745
                                      EDT$SCHM PAREXE.
                                                                                       Parse and execute a command
   147
                   0746
                                      EDT$$MSG_BELL,
                                                                                       Output a message with bell
   148
                                      EDT$$ALO_HEAP,
                                                                                       Allocate heap storage
   149
                                      EDT$$DEA_HEAP : NOVALUE,
                                                                                       Deallocate heap storage
   150
                                      STRSFREET_DX:
                                                                                     ! Free a string
   151
   152
                                 EXTERNAL
                                     EDT$$A_XLATE_ROUT,
EDT$$G_XLATE_ENV,
EDT$$T_CMD_BOF,
EDT$$A_CMD_BUF,
EDT$$A_CMD_END;
                                                                                       Address of XLATE routine
   154
155
                                                                                        Environment address for XLATE
                                                                                        Command buffer
   156
157
                   0755
                                                                                        Current location in command buffer
                                                                                    ! End of command buffer
```

```
EDT$GETXLATE - Handles the nokeypad XLATE comma 16-Sep-1984 00:30:30
EDT$$GETXLATE - nokeypad XLATE command 14-Sep-1984 12:23:15
                                                                                                                        VAX-11 Bliss-32 V4.0-742 Page
DISK$VMSMASTER:[EDT.SRC]GETXLATE.B32;1
EDTSGETXLATE
V04-000
   158
159
                      0758
                                      MESSAGES ((INVSUBCOM, INSMEM, COMEXHXLA, PASSTATUS));
                      0759
   160
                                   LOCAL
SAVE_CMD_BUF,
SAVE_CMD_END,
NEW_CMD_BUF : REF VECTOR [, BYTE],
CMD_DESC : BLOCK [8, BYTE],
STATUS:
   161
                      0760
   162
                      0761
                     0762
0763
   164
   165
                      0764
                      0765
    166
    167
                      0766
                                      CMD_DESC [DSC$B_DTYPE] = DSC$K_DTYPE_T;
CMD_DESC [DSC$B_CLASS] = DSC$K_CLASS_D;
CMD_DESC [DSC$A_POINTER] = 0;
CMD_DESC [DSC$W_LENGTH] = 0;
    168
                      0767
   169
170
                      0768
                      0769
    171
                      0770
   172
173
174
                      0771
                                      STRING_DESC (CMB_DESC, LENGTH, .STRING);
                                                                                                  ! build descriptor
                     0772
                                   The following call to the XLATE routine is a general routine call using the linkage defined as IOCALL. A call is being made to the
    175
                      0774
    176
                      0775
                                   routine whose address is contained in the variable EDT$$A_XLATE_ROUT.
                                   The comtents of the variable EDT$$G XLATE ENV is first put into register 1 for the call. (This is done to fill the requirement of
    177
                      0776
   178
                      0777
    179
                      0778
                                   callable EDT where the user can specify an XLATE routine and some
    180
                      0779
                                   high-level languages require an environment address to be passed in
    181
                      0780
                                   register 1.) The remaing parameter in the list is the actual parameter passed to the XLATE routine.
   182
183
                      0781
                     0782
0783
    184
                                      STATUS = IOCALL (.EDT$$A_XLATE_ROUT, .EDT$$G_XLATE_ENV, CMD_DESC);
    185
                     0784
    186
                     0785
                                 ! If the returned status is bad print the indicated message.
    187
                     0786
   188
                     0787
    189
                     0788
                                      IF ( NOT .STATUS)
    190
                     0789
                                      THEN
   191
192
193
                     0790
                                           BEGIN
                                           EDT$$MSG_BELL (.STATUS);
STR$FREET_DX (CMD_DESC);
                     0791
                     0792
0793
   194
195
                                           RETURN (0);
                     0794
                                           END:
   196
197
                     0795
                     0796
   198
199
                     0797
                                   Returned status is good. If there is a command string returned
                     0798
                                   execute it.
   0799
                     0800
0801
                                      IF (.CMD_DESC [DSC$W_LENGTH] GTRU 0)
                     0802
0803
                                      THEN
                                           BEGIN
                      0804
                             \overline{3} ! Make sure there's enough room in the command buffer for the
                      0805
                     0806
0807
                                   resulting command.
                      8080
                                            IF (.CMD_DESC [DSC$W_LENGTH] GTRU 256)
                      0809
                      0810
                                            THEN
                      0811
                                                 BEGIN
                     0812
0813
                                                 EDT$$MSG_BELL (EDT$_COMEXHXLA);
                                                 STR$FREET_DX (CMD_DESC);
```

EDT\$ V04-

```
EDT$GETXLATE - Handles the nokeypad XLATE comma 16-Sep-1984 00:30:30 EDT$$GETXLATE - nokeypad XLATE command 14-Sep-1984 12:23:15
EDTSGETXLATE
                                                                                                             VAX-11 Bliss-32 V4.0-742 Pag
DISK$VMSMASTER:[EDT.SRC]GETXLATE.B32;1
V04-000
                    0814
0815
0816
0817
0818
0819
                                             RETURN (0);
   21678901234567890123456789
                                             END:
                              ! Copy the returned string into 256 bytes of heap storage.
                                        IF EDT$$ALO_HEAP (%REF (256), NEW_CMD_BUF)
                                            CH$MOVE (.CMD_DESC [DSC$W_LENGTH], .CMD_DESC [DSC$A_POINTER], .NEW_CMD_BUF)
                                        ELSE
                                            BEGIN EDTSSMSG_BELL (EDTS_INSMEM);
                                            RETURN (0);
                                            END:
                              ! Save the current command buffer pointers.
                                       SAVE_CMD_BUF = .EDT$$A_CMD_BUF;
SAVE_CMD_END = .EDT$$A_CMD_END;
                    0834
                    0835
                    0836
                               Point to the new command buffer.
                    0837
                    0838
                                       EDT$$A_CMD_BUF = .NEW_CMD_BUF;
ED'$$A_CMD_END = .CMD_DESC [DSC$W_LENGTH] + .EDT$$A_CMD_BUF;
   240
                    0839
   0840
                    0841
                                Now parse and execute the XLATE-returned string.
                    0843
                                       STATUS = EDT$$CHM_PAREXE (1);
                    0844
                    0845
                               Restore the command buffer.
                    0846
                                       EDT$$A_CMD_BUF = .SAVE_CMD_BUF;
EDT$$A_CMD_END = .SAVE_CMD_END;
                    0847
                    0848
                    0849
                   0850
0851
                             ! Free XLATE's command buffer.
                    0852
                                        EDT$$DEA_HEAP (%REF (256), NEW_CMD_BUF);
                    0853
                                       END;
                    0854
                   0855
0856
0857
                                We no longer need the returned string.
                    0858
                                  STR$FREE1_DX (CMD_DESC);
RETURN (1);
                    0859
   260
   261
                    0860
                                   END:
                                                                                          ! of routine EDT$$GET_XLATE
                                                                                            .TITLE EDT$GETXLATE EDT$GETXLATE - Handles the nokeypa
                                                                                                                      d XLATE comma
                                                                                            .IDENT \V04-000\
                                                                                            .EXTRN EDTSSCHM_PAREXE
                                                                                                     EDT$$MSG_BELL, EDT$$ALO_HEAP
                                                                                            .EXTRN
                                                                                                     EDT$$DEA_HEAP, STR$FREET_DX
                                                                                            .EXTRN
                                                                                            .EXTRN EDT$$A_X[ATE_ROUT
```

ED11 V04EDTSGETXLATE V04-000

									.EXTRN .EXTRN .EXTRN .EXTRN	EDT\$\$G_XLATE_ENV EDT\$\$T_CMD_BOF, EDT\$\$A_CMD_BUF EDT\$\$A_CMD_END, EDT\$_INVSUBCOM EDT\$_INSMEM, EDT\$_COMFXHXLA	
									.EXTRN .PSECT	EDT\$_PASSTATUS, STR\$COPY_R _EDT\$CODE,NOWRT, SHR, PIC,2	
					0	7 F C	00000		.ENTRY	EDT\$\$GET_XLATE, Save R2,R3,R4,R5,R6,R7,R8,-;	0702
			5A 59 58 57 5E	00000000G 00000000G 00000000G 00000000G	00 00 00 00 10	9E 9E 9E 9E	00002 00009 00010 00017 0001E		MOVAB MOVAB MOVAB MOVAB SUBL 2	R9,R10 STR\$FREE1_DX, R10 EDT\$\$MSG_BELL, R9 EDT\$\$A_CMD_END, R8 EDT\$\$A_CMD_BUF, R7 #16, SP #34471936, CMD_DESC CMD_DESC+4 STRING LENGTH CMD_DESC	
		08	ÁĚ	020E0000 0C 04 08 10	8F AE AC AC	DO D4 DD 9F 9F	00021 00029 0002C 0002F 00032		MOVL CLRL PUSHL PUSHAB PUSHAB	#34471936, CMD_DESC CMD_DESC+4 STRING LENGTH CMD_DESC	0770 0769 0771
		000000006	50 51 60 56	00000000G 08 0000000G	03 00 AE 00 01	FB D0 9F D0 FB	00035 0003C 00043 00046 0004D		CALLS MOVL PUSHAB MOVL CALLS	CMD_DESC #3, STR\$COPY_R EDT\$\$A_XLATE_ROUT, RO CMD_DESC EDT\$\$G_XLATE_ENV, R1 #1, (RO)	0783
			56 04	08	50 56 56 13 AE	00 E8 DD 11 B5	00050 00053 00056 00058 0005A		MOVL BLBS PUSHL BRB TSTW	RO, STATUS STATUS, 1\$ STATUS 2\$ CMD_DESC	0788 0791 0801
		ა100	8F	08	7A AE	13 B1	0005D 0005F	, • .	BEQL CMPW	6\$: CMD_DESC, #256 :	0809
		0.00	٠.	0000000G	11 8F	1B	00065 00067		BLEQU PUSHL	3\$ "EDTS_COMEXHXLA	0812
			69	08	Ŏ1 AE	FB 9F	0006b 00070	2\$:	CALLS PUSHAB	W1. EDT\$\$MSG_BELL ; CMD_DESC ;	0813
			6A		01 6B	FB 11	00073 00076		CALLS BRB	W1. STR\$FREE1_DX	0814
		04	AE	04 0100 04	AE 8F	9F 3C 9F	00078 0007B 00081	3\$:	PUSHAB MOVZWL PUSHAR	NEW_CMD_BUF #256, 4(SP) 4(SP) #2, EDT\$\$ALO_HEAP	0821
		0000000G	00 09	•	AE 02 50	FB E9	00084 0008B		CALLS BLBC_	W2, EDT\$\$ALO_HEAP R0, 4\$	
04	BE	00	BÉ	08	ÁĚ OB	28 11	0008E 00095		MOVČ3 BRB	CMD_DESC, aCMD_DESC+4, aNEW_CMD_BUF	0823
			69	0000000G	8F 01	DD fB	00097 0009D	45:	PUSHL Calls	<pre>#EDT\$_INSMEM #1, EDT\$\$MSG_BELL ;</pre>	0826
	68		53 52 67 50	04 08	41 67 65 AE AE 67 01	11 DO DO 30 C1	000A0 000A2 000A5 000AC 000B0	5\$:	BRB MOVL MOVL MOVZWL ADDL3	7\$ EDT\$\$A_CMD_BUF, SAVE_CMD_BUF EDT\$\$A_CMD_END, SAVE_CMD_END NEW_CMD_BUF, EDT\$\$A_CMD_BUF CMD_DESC, RO EDT\$\$A_CMD_BUF, RO, EDT\$\$A_CMD_END	0827 0833 0834 0838 0839
		0000000G	00		01 01 50 53	DD fB	000B4 000B6 000BD		PUSHL CALLS MOVL	#1 #1, EDT\$\$CHM_PAREXE RO, STATUS	0843
			56 67		53	D0	00000		MOVL	SAVE_CMD_BUF, EDT\$\$A_CMD_BUF	0847

EDTSGETXLATE	EDT\$GETXLATE - Handles EDT\$\$GETXLATE - nokeyp	the	nokeypad XLAT LATE command	E com	D 7 ma 16-Se 14-Se	p-1984 00:30 p-1984 12:23	:30 VAX-11 Bliss-32 V4.0-742 Page :15 DISK\$VMSMASTER:[EDT.SRC]GETXLATE.B32;i	7 (3)
		68	52	DO 00	0003	MOVL Pushab	SAVE_CMD_END, EDT\$\$A_CMD_END : NEW_CMD_BUF :	0848 0852
	04	AE	04 ĀĒ 0100 8F 04 ĀĒ	3C 00	00C6 00C9 00CF	MOVZWL PUSHAB	#256, 4(SP) 4(SP)	0872
	0000000G	00	02	FB 00	0002 0009 6\$:	CÁLLS	W2. EDT\$\$DEA HEAP	0050
		6A 50	08 AE 01	FB 00	00DC	CALLS	W1, STR\$FREE1_DX	0858
		50	01	DO 00	00DF 00E2	MOVL RET	#1, R0	0859
			50	D4 00	00E3 7\$: 00E5	CLRL RET	RO	0860

; Routine Size: 230 bytes, Routine Base: _EDT\$CODE + 0000

262 0861 1 263 0862 1 !<BLF/PAGE>

VAX-11 Bliss-32 V4.0-742 Page 8 DISK\$VMSMASTER:[EDT.SRC]GETXLATE.B32;1 (4)

265 0863 1 END 266 0864 1 267 0865 0 ELUDOM

! of module EDT\$GETXLATE

PSECT SUMMARY

Name Bytes Attributes

_EDT\$CODE 230 NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

		- Symbols	Pages	Processing	
file	Total	Loaded	Percent	Mapped	Time
_\$255\$DUA28:[EDT.SRC]EDT.L32;1 _\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	377	2	0 50	40 7	00:00.2 00:00.1
\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	6	ő	581	00:04.0

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:GETXLATE/OBJ=OBJ\$:GETXLATE MSRC\$:GETXLATE.B32/UPDATE=(ENH\$:GETXLATE)

Size: 230 code + 0 data bytes

Run Time: 00:20.3; Elapsed Time: 00:26.7; Lines/CPU Min: 2554; Lexemes/CPU-Min: 7937; Memory Used: 111 pages; Compilation Complete

0134 AH-BT13A-SE

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